- 2

3

Figure 1

Table 1	
Relation	Formula
Linear	y = m(x-h) + k
Quadratic	$y = a(x-h)^2 + k$
Circle	$(x-h)^2 + (y-k)^2 = r^2$
Ellipse	$(x-h)^2/a^2 + (y-k)^2/b^2 = 1$
Hyperbola1	$(x-h)^2/a^2 - (y-k)^2/b^2 = 1$
Hyperbola2	$(y-k)^2/b^2 - (x-h)^2/a^2 = 1$
Parabolal	$y = a(x - h)^2 + k$
Parabola2	$(y-k)^2 = c(x-h)$
Exponential1	$y = b \cdot a^x + k$
Exponential2	$y = b \cdot e^{ax} + k$
Logarithmic	$y = b \cdot \ln(a(x - h)) + k$
Power	$y = a(x - h)^r + k$
Sine	$y = b \cdot \sin(a(x - h)) + k$
Cosine	$y = b \cdot \cos(a(x - h)) + k$

Figure 2

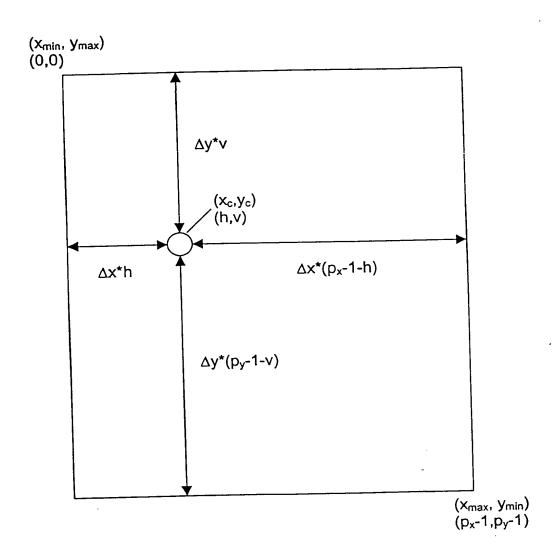
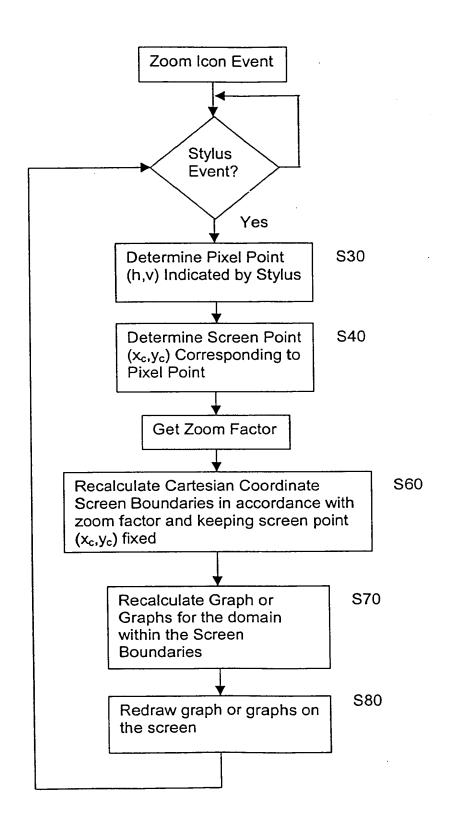


Figure 3



M

Figure 4

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## O. User initiates dynamic zoom

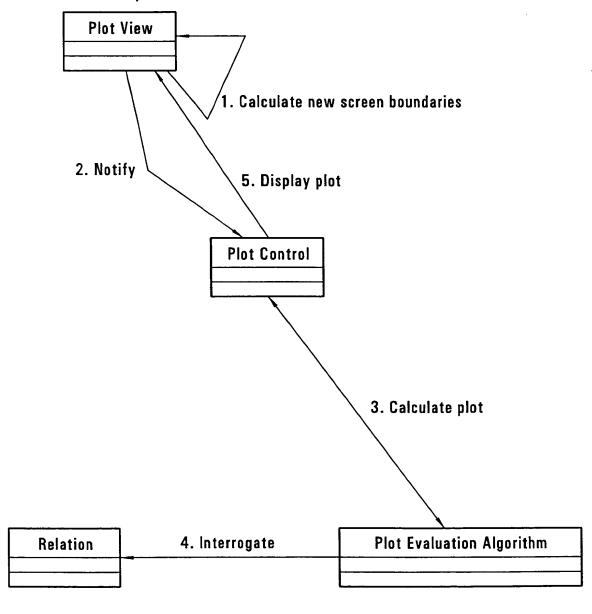
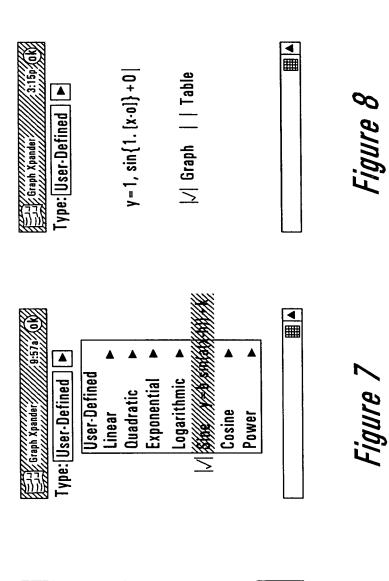


Figure 5

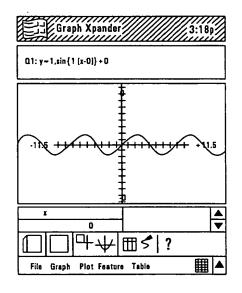


*HARSTANTAS///.* Angular Units: Radians

Display Precision: 4

Figure 6

Edit Tool



3:21p 01: y-1,sin{1 (x-0)}+0

x
0

x
0

File Graph Plot Feature Table

Figure 9

Graph Xpander

Graph Xpander

3:22p

1: y − 1,sin{1 (x-0|) + 0

2.875

x

0

File Graph Plot Feature Table

Figure 11

Figure 10

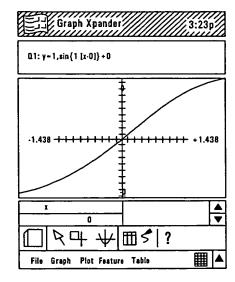


Figure 12